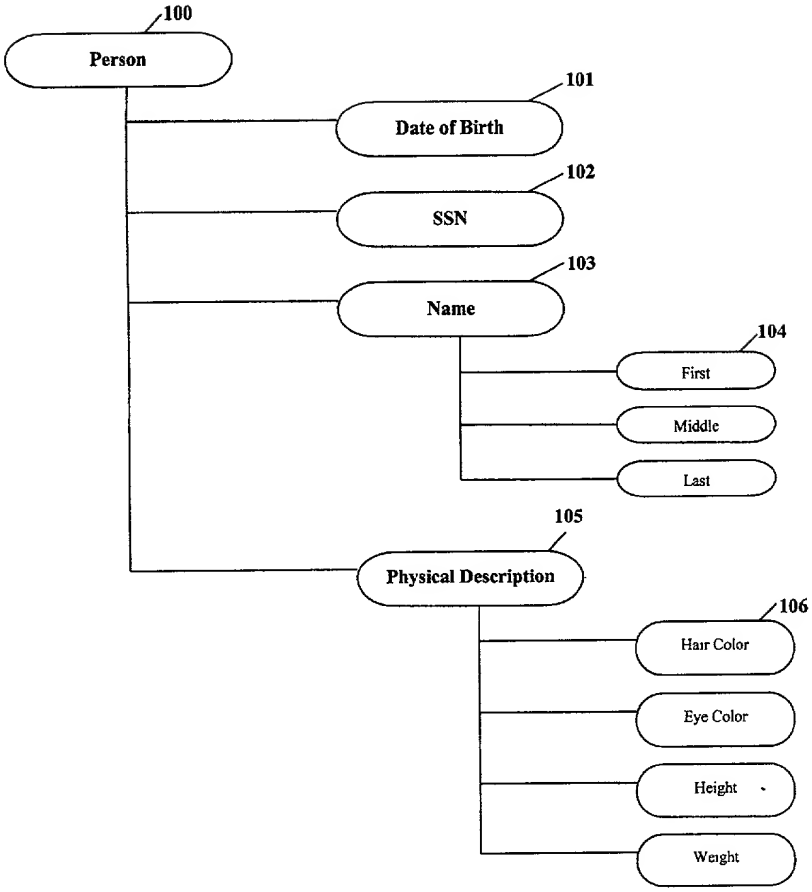

FIG. 1

800549 012

https://garcia.uspto.gov:7100/efs/sub/efsviewefsview/2001_6/11753/subm.zip/062801+80054...+ 6/28/01

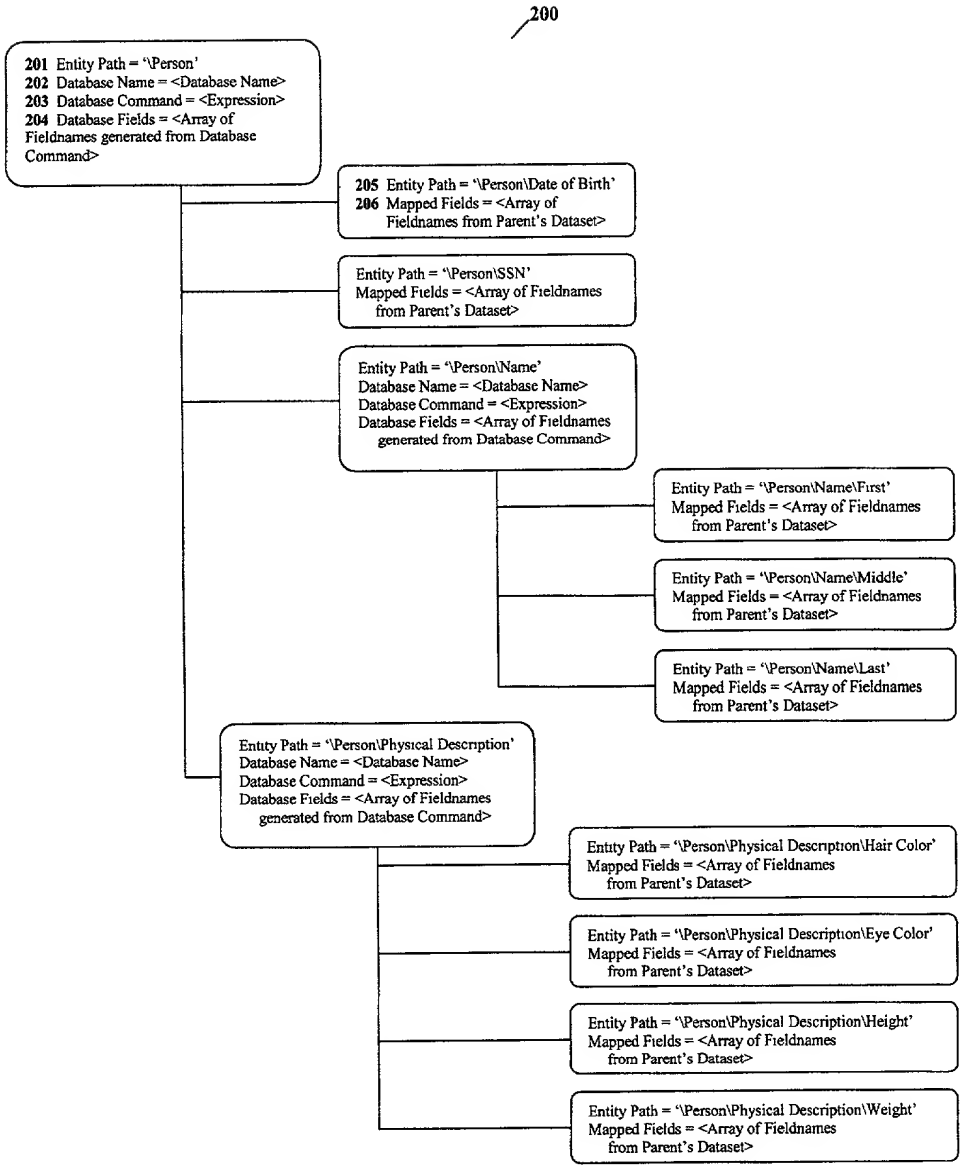

FIG. 2

800549 012

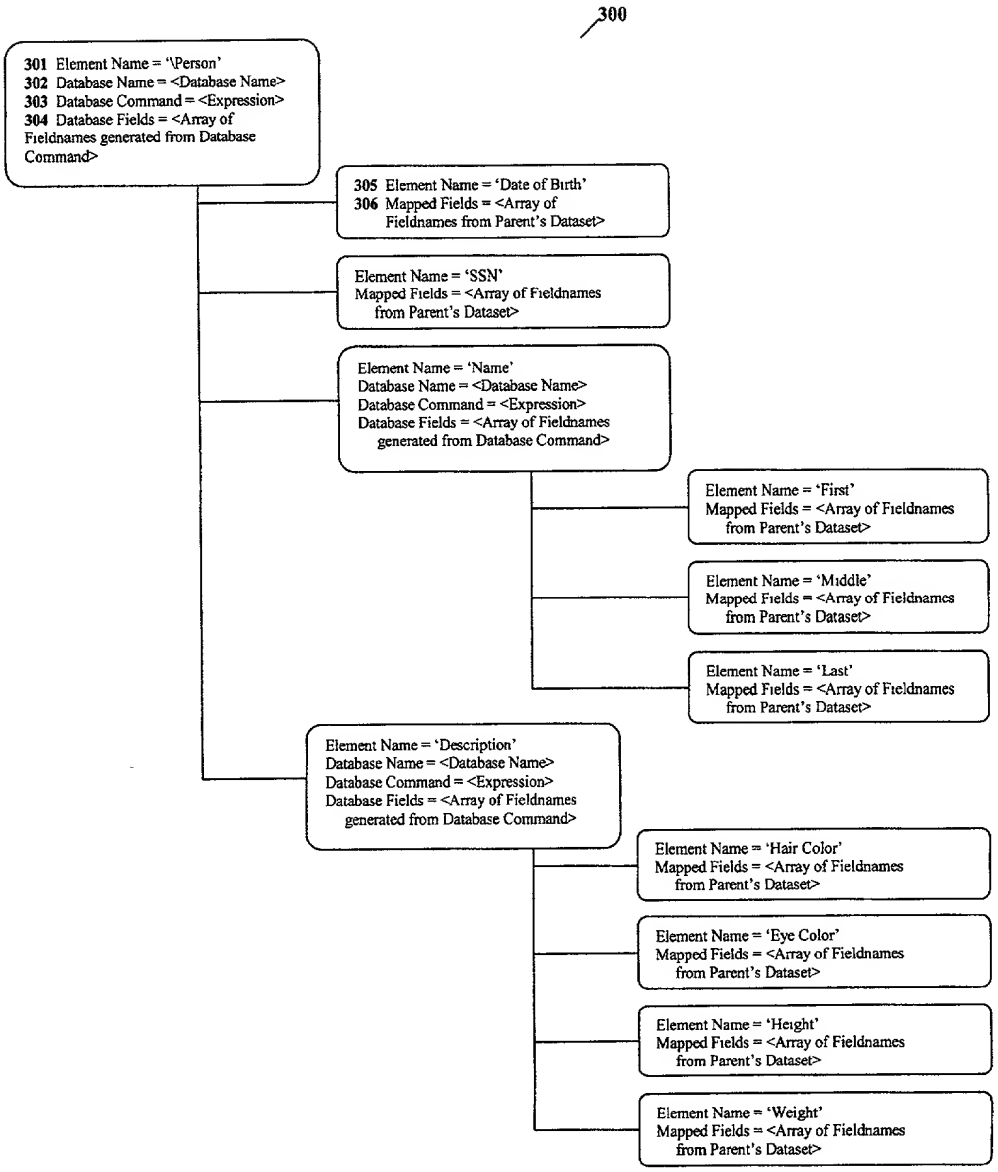

FIG. 3

800549 012

```
400 element = <elementname[(attribute)*]>expression[(element)*]</elementname>

401 attribute = type="elementtype";datasource="url";transform="transformobject"

402 elementtype = statement or field or static

403 url = datasource location identifier

404 expression = SQL statement or fieldname or static value

405 transformobject = classname of object responsible for transforming text of
                    this node

406 fieldname = dataset fieldname [(|dataset fieldname)*]
```

FIG. 4A

```
407 <Person datasource="jdbc:odbc:MyDatabase" type="statement">select * from
    person where ID=?

408 <Date of Birth type="field">DOB</Date of Birth>

   <SSN type="field">Social Security Number</SSN>

409 <Name datasource="jdbc:odbc:MyDatabase" type="statement">select * from
    Name where Person_ID=:ID

        <First type="field">First</First>
        <Middle type="field">Middle</Middle>
        <Last type="field">Last</Last>

    </Name>

    <Physical Description datasource="jdbc:odbc:MyDatabase" type="statement">
    select Hair Color,Eye Color,Height,Weight from Physical Description where
    Person_ID=:ID

        <Hair Color type="field">Hair Color<Hair Color>
        <Eye Color type="field">Eye Color<Eye Color>

410 <Height type="field" transform="com.infoglide.transform.ProperHeight">
    Feet|Inches<Height>

    <Weight type="field" transform="com.infoglide.transform.PoundstoKilos">
    Weight<Weight>

    </Physical Description>

    </Person>
```

FIG. 4B

800549 012

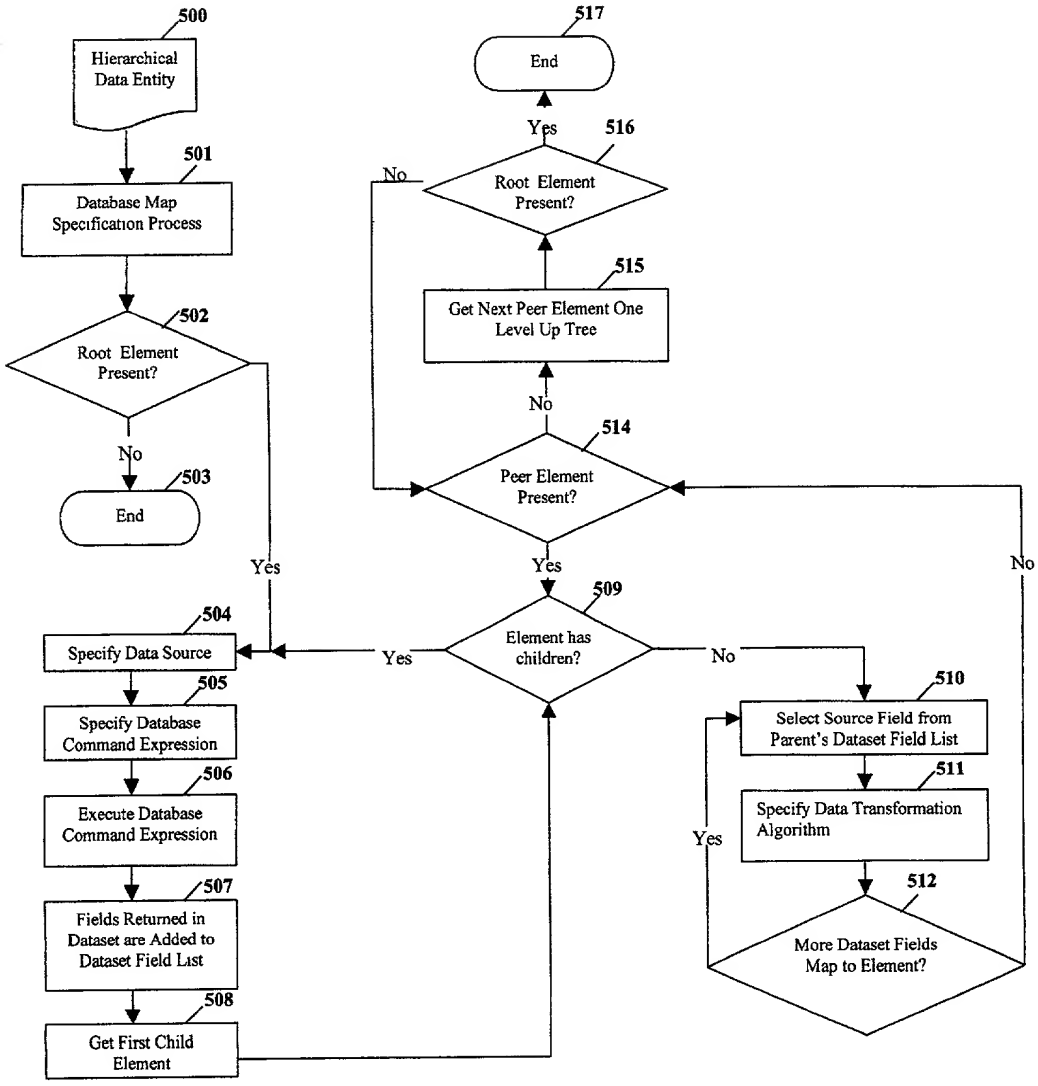

FIG. 5

800549 012

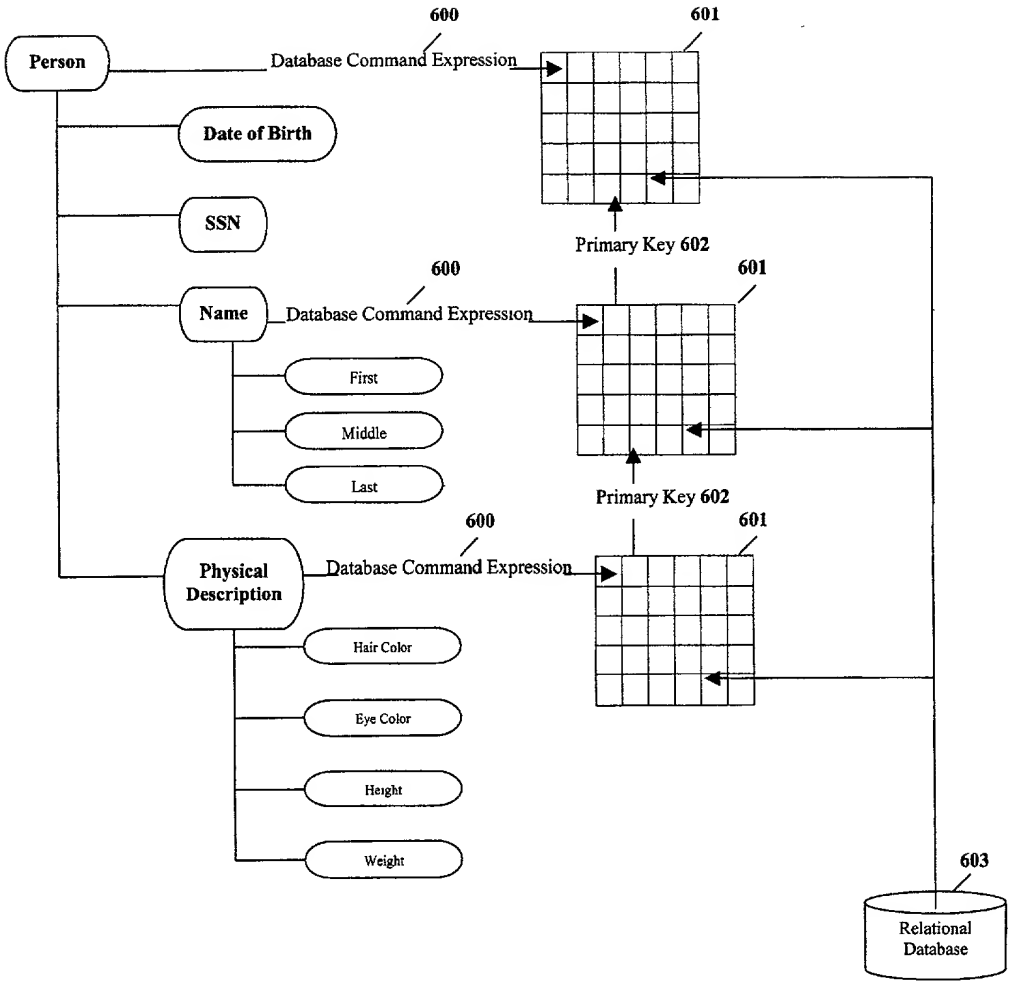

FIG. 6

800549 012

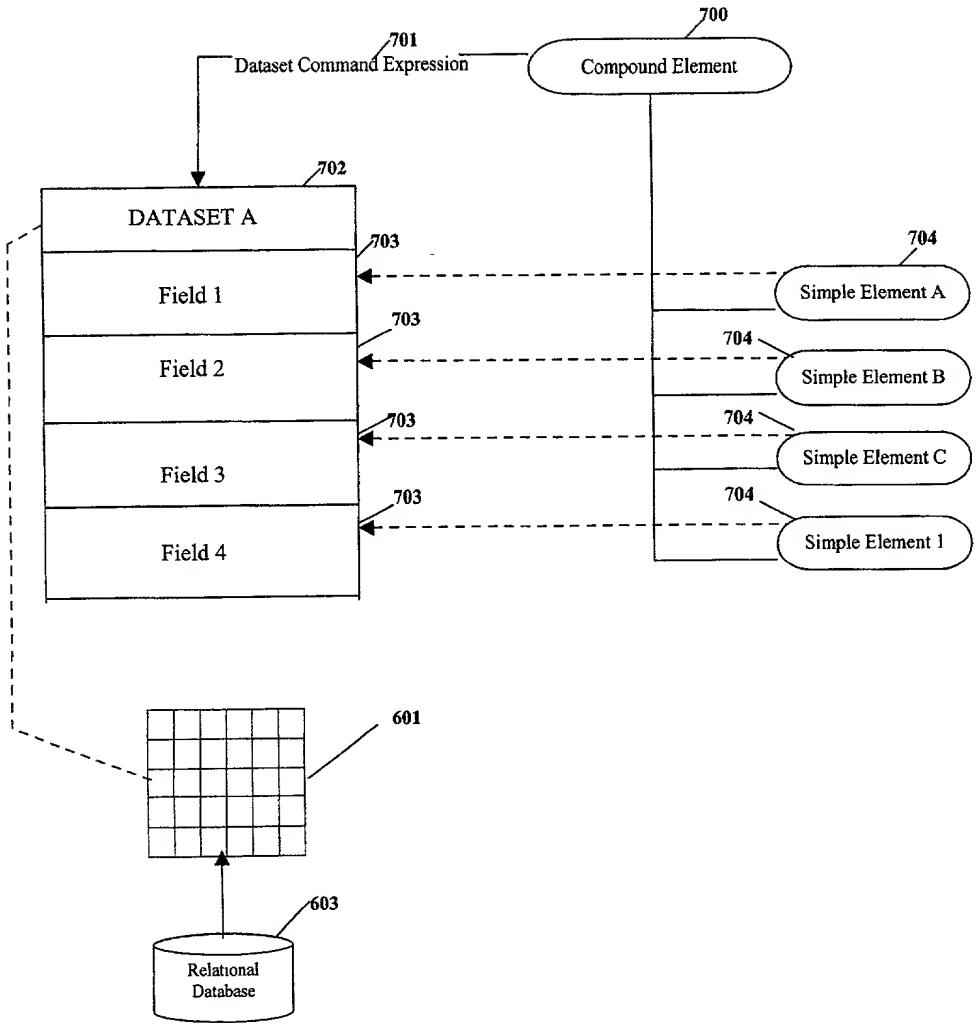

FIG. 7

800549 012

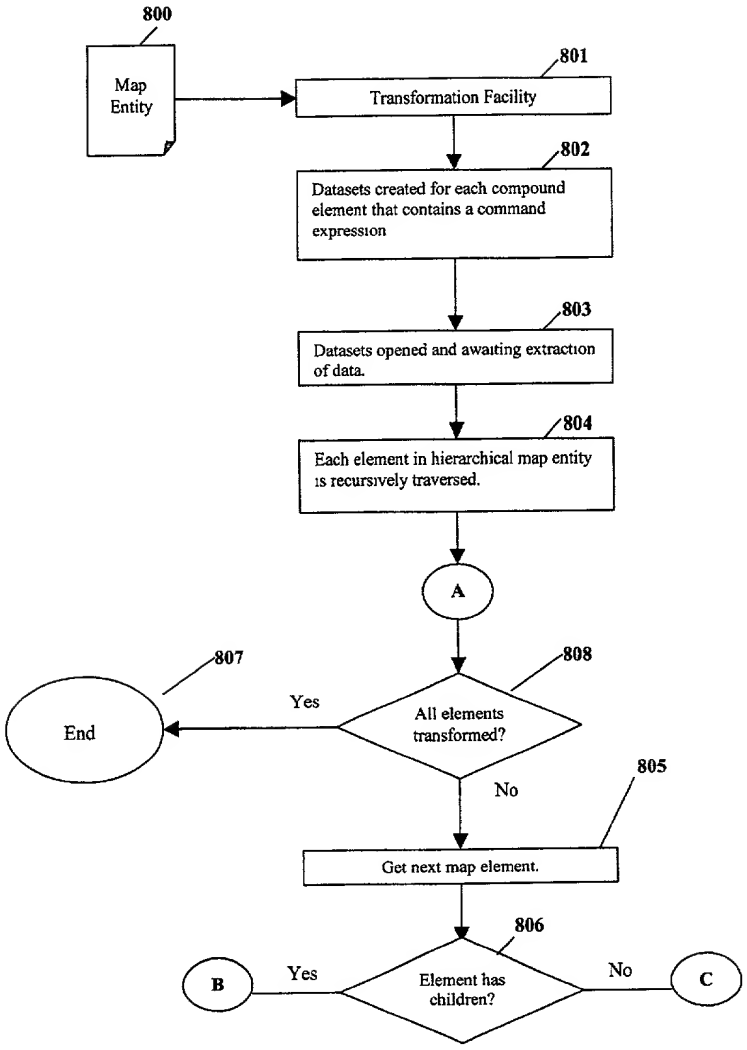

FIG. 8A

800549 012

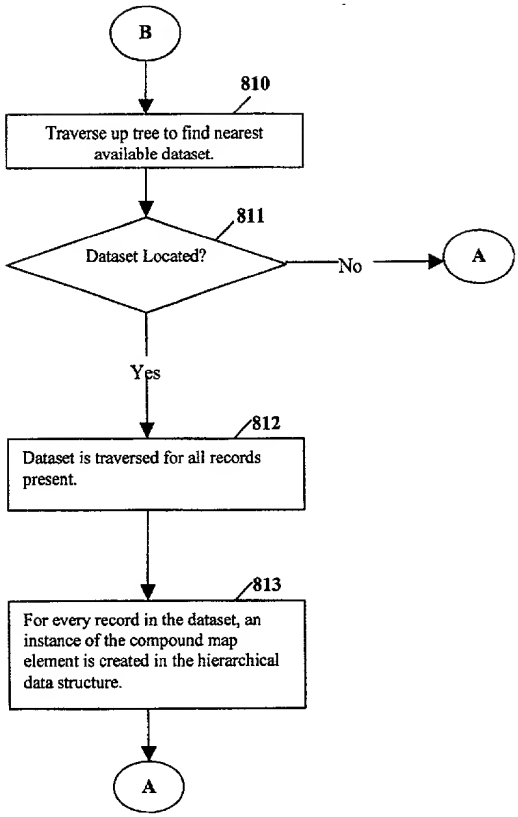

FIG. 8B

800549 012

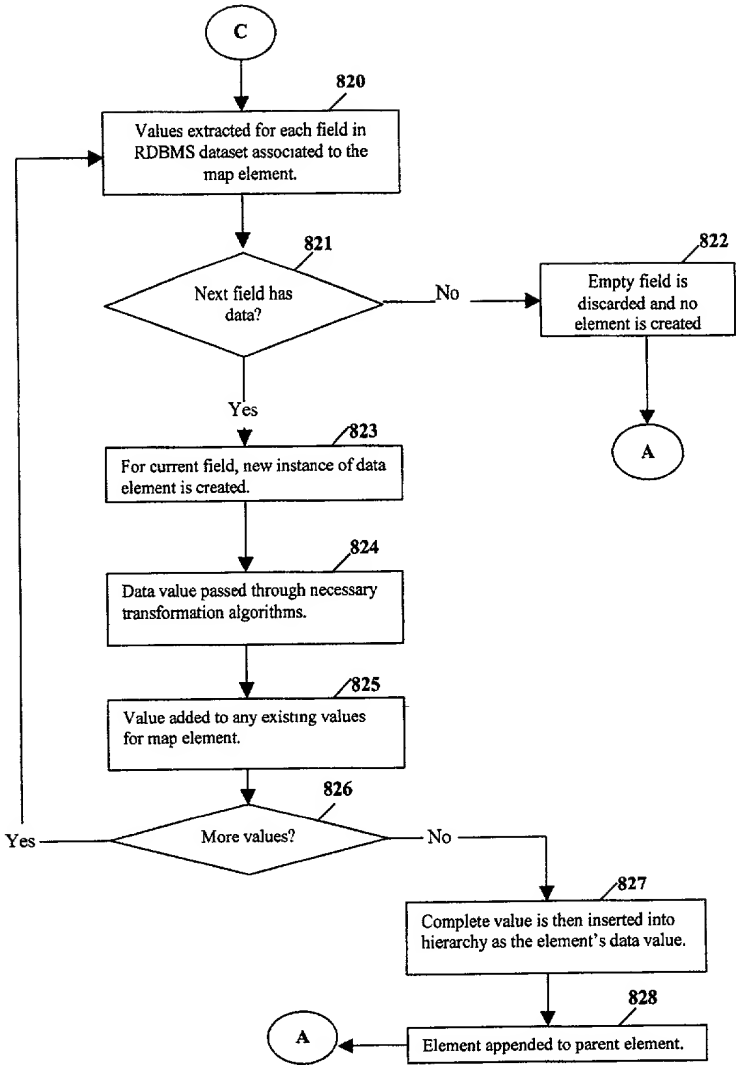

FIG. 8C

800549 012

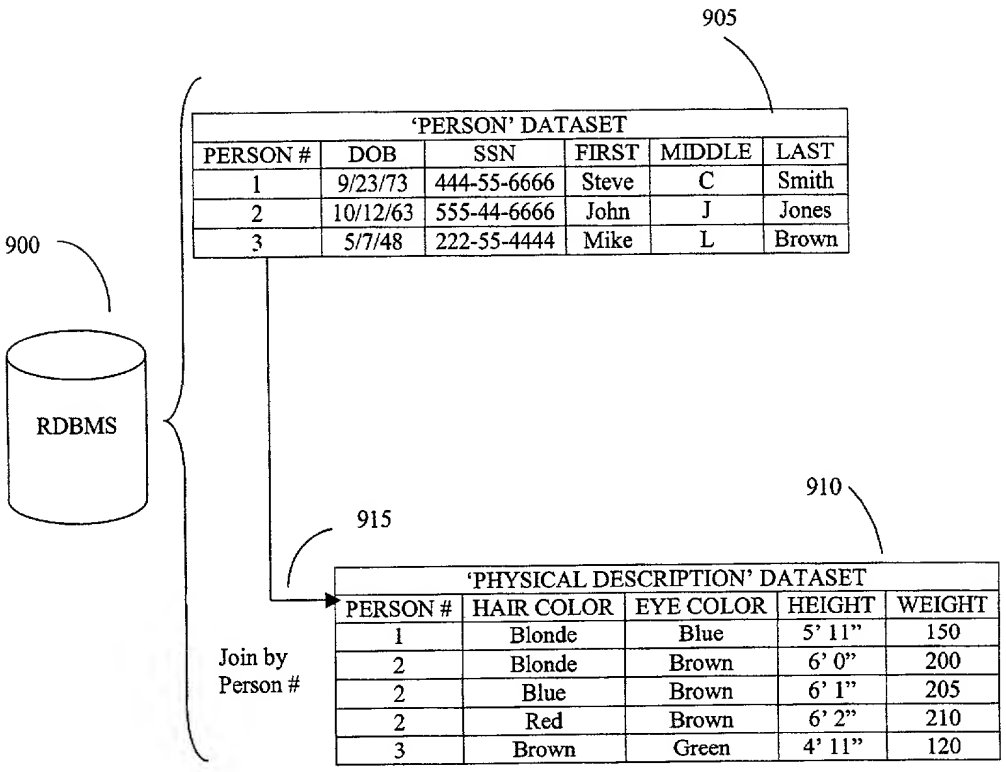

FIG. 9A

800549 012

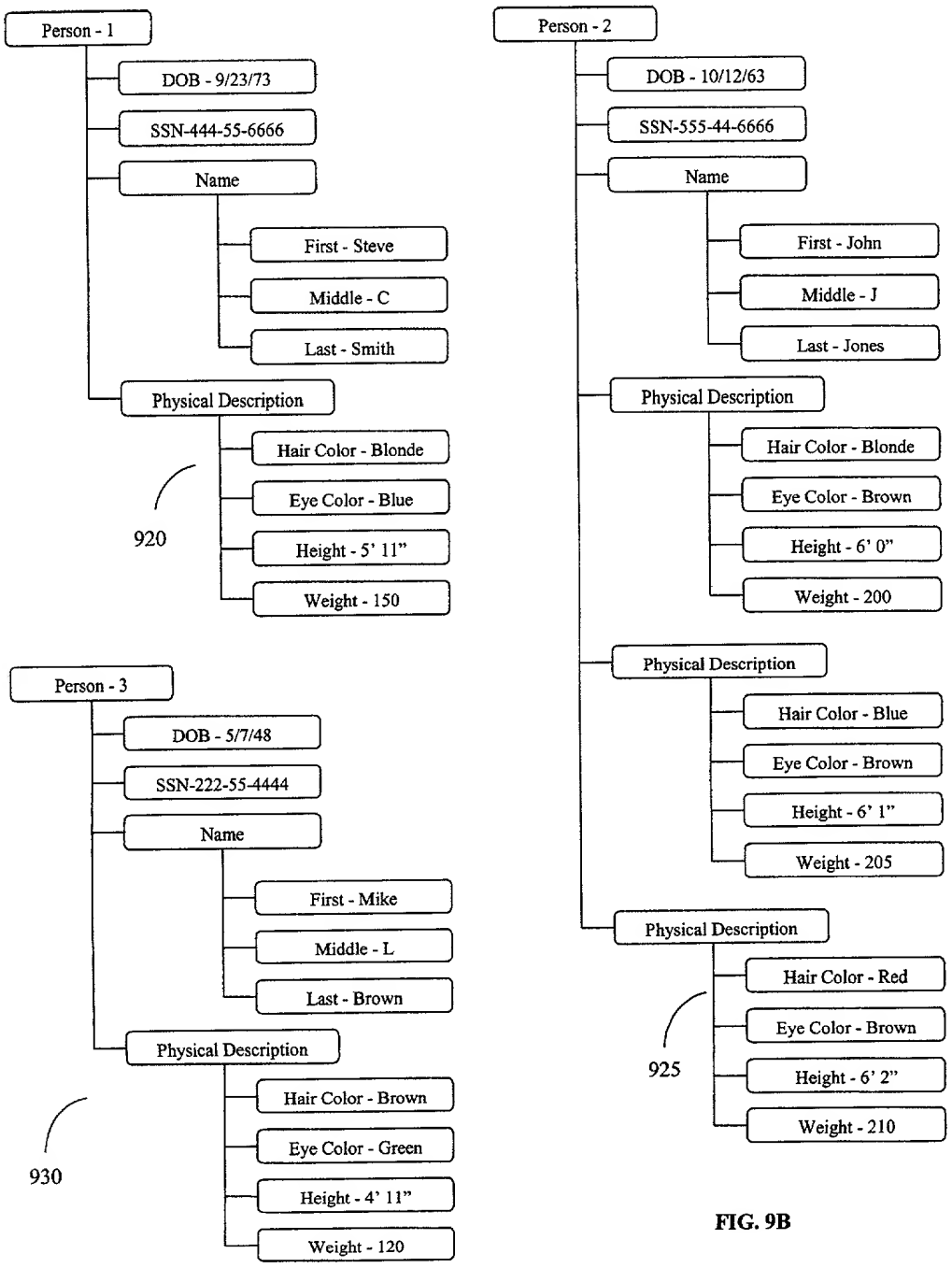

FIG. 9B

800549 012